

# Western Clay company

M104110012  
cc: Peter  
Task 3995  
**RECEIVED**

FEB 14 2011

DIV. OF OIL, GAS & MINING

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## QUALITY INDUSTRIAL/AGRICULTURAL MINERALS

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To: Utah Division of Oil, Gas & Mining  
Peter Brinton

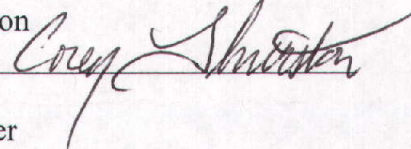
2/10/11

From Western Clay Co.  
Corey Thurston

This Cover Letter is in reference to Permit #M-041-012 for our Bentonite Mine. We would like to add an additional 4.7 acres to our current mine plan. This new area is at the north end of our current reclaimed North Sheep Trail Pit. Western Clay Co. currently owns the Minerals Rights and has a lease agreement with the current land owner to mine this area. The location of this proposed new mine is shown on our Base Map. This Base Map along with the Surface Facilities Map is included with this letter. This new mine area will be incorporated into our current Mine Operation and Reclamation plans. We are hopeful that our Surety Bond can remain the same because we are just waiting for the final release of 4 current mine sites which are in the re-vegetation period. These mine sites are North Sheep Trail (#M-041-012), Aurora Clay Mine (#S-041-0033), Redmond Limestone (#M-041-004) and Three Knolls Limestone (#S-027-0101). If this proposal is acceptable we can send two clean copies for final approval.

Sincerely

Corey Thurston

  
\_\_\_\_\_  
Mine Manager  
Western Clay Company



## INSTRUCTIONS to REVISE or AMEND MINING OPERATIONS NOTICE OF INTENTION

When an operator intends to revise or amend a mining operation, a **notice** to Amend or Revise the mining and reclamation plan **must be submitted** to the Division **and approved prior to creating any disturbance beyond what has already been approved**. The notice must include all information, concerning the revision or amendment, that would have been required if it had been included in the original Notice of Intention (NOI).

**"REVISION"** means a **significant change** to the approved Notice of Intention to Conduct Mining Operations, which will increase the amount of land affected or alter the location and type of onsite surface facilities such that the nature of the reclamation plan will differ substantially from the approved Notice of Intention. Revisions require a formal public notice of tentative approval and may require a change in the amount of reclamation surety.

**"AMENDMENT"** is an **insignificant change** to the approved Notice of Intention. An amendment requires Division approval, but does not require public notice.

The Division will determine whether a request for change is significant or insignificant on an individual case-by-case basis.

### Instructions:

- Changes to the mining and reclamation plan are made by providing a completely new plan or by adding, replacing, or removing pages to the current plan. Detailed instructions for adding or replacing pages and maps must be included (please identify on the attached form MR-REV-att).
- Text changes should be shown in a redline/strikeout format.
- The amended application should be accompanied by a cover letter: referring to the permit number, operator name and mine; describing the contents; and referencing any Division action that initiated the change (i.e. Notice of Violation, previous review, Division Order).
- The submitted revision or amendment must be complete and should not rely on additional materials that will be submitted at a later date.
- Form MR-REV-att, or equivalent, must be submitted with the application for change.

After the Division conditionally approves the change, two clean copies will be requested which will be stamped "approved" and one copy returned for your copy of the mining and reclamation plan. The change is now approved and you may proceed with your plans.



Identify any changes this modification will have to:

**I. General Information (R647-4-104)**

- Location of Proposed Activities:
- COUNTY
- TOWNSHIP, RANGE, SECTION(S) (Identify to 1/4, 1/4 section)

**Ownership of Land Surface:**

- Private (Fee) - Identify Owners Name(s)
- State of Utah (SITLA) lands, Public Domain BLM), National Forest (USFS)

**Ownership of Minerals:**

- Private (Fee) - Identify Owners Name(s)
- State of Utah (SITLA) lands, Public Domain BLM), National Forest (USFS)
- **BLM Lease or Project File Number(s) and/or USFS assigned Project Number(s)**
- **Utah State Lease Numbers(s)**

**II. MAPS, DRAWINGS & PHOTOGRAPHS (Rule R647-4-105)**

Appropriate maps, drawings, plates, etc. should be provided that are pertinent to the revision, or amendment of mining operations. Please provide a revised map outlining the previously approved and the new proposed disturbed area boundaries. These materials should be prepared according to the requirements of Rule R647-4-105.

**III. OPERATION PLAN (Rule R647-4-106)**

All appropriate information requirements outlined under Rule R647-4-106 must be addressed in the application. Identify additional proposed surface disturbance. Include the total number of acres to be affected by the revision or amendment.

**IV. IMPACT ASSESSMENT (Rule R647-4-109)**

Provide information required under Rule R647-4-109 regarding projected potential surface and/or subsurface impacts that may be associated with the proposed change(s) in mining operations.

**V. RECLAMATION PLAN (Rule R647-4-110)**

Outline any proposed changes to the originally approved reclamation plan. Address all appropriate sections of Rule R647-4-110 as they apply to the proposed change(s) in mining operations.

**VI. VARIANCE (Rule R647-4-112)**

Identify any requests for variance from the requirements of rules R647-4-107, -108, or -111. A narrative justification and alternate methods or mitigating measures must be included for each variance request.

**VII. SURETY (Rule 647-4-113)**

Reclamation Surety:

Indicate whether the proposed activities will change the amount of work required to reclaim the mine site. If significant changes will result, then an itemized reclamation cost estimate should be provided (and attached) with direct reference to the specifics of the proposed change(s). This information will be used to assist the Division in determining any reclamation surety adjustments required for the operation.



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Form MR-REV-att (DOGM - Revise/Amend Change Form)  
(Revised September 14, 2005)

DIV. OF OIL, GAS &amp; MINING

## Application for Mineral Mine Plan Revision or Amendment

Operator: <u>Western Clay Co.</u>			
Mine Name: <u>Redmond Bentonite Mines</u>		File Number: <u>M/041 1012</u>	
Provide a detailed listing of all changes to the mining and reclamation plan that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise or amend the existing Mining and Reclamation Plan. Include page, section and drawing numbers as part of the description.			
DETAILED SCHEDULE OF CHANGES TO THE MINING AND RECLAMATION PLAN			
			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>Pg. 4, 105.1 Added No. Sheep Trail Extension</u>
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>Pg. 4, 105.2 Added No. Sheep Trail Extension</u>
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>Pg. 6, 106.3 Total acres from 67.9 to 72.6 or</u>
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>Trade acreage North Sheep Trail for No. Sheep</u>
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<u>Trail Extension</u>
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	
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<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

Cory Thurston  
Print Name

Cory Thurston  
Sign Name, Position

Mike Mandger  
Date

2-10-11  
Date

## Return to:

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
Phone: (801) 538-5291 Fax: (801) 359-3940

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## FOR DOGM USE ONLY:

File #: M/ /

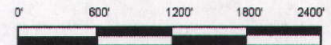
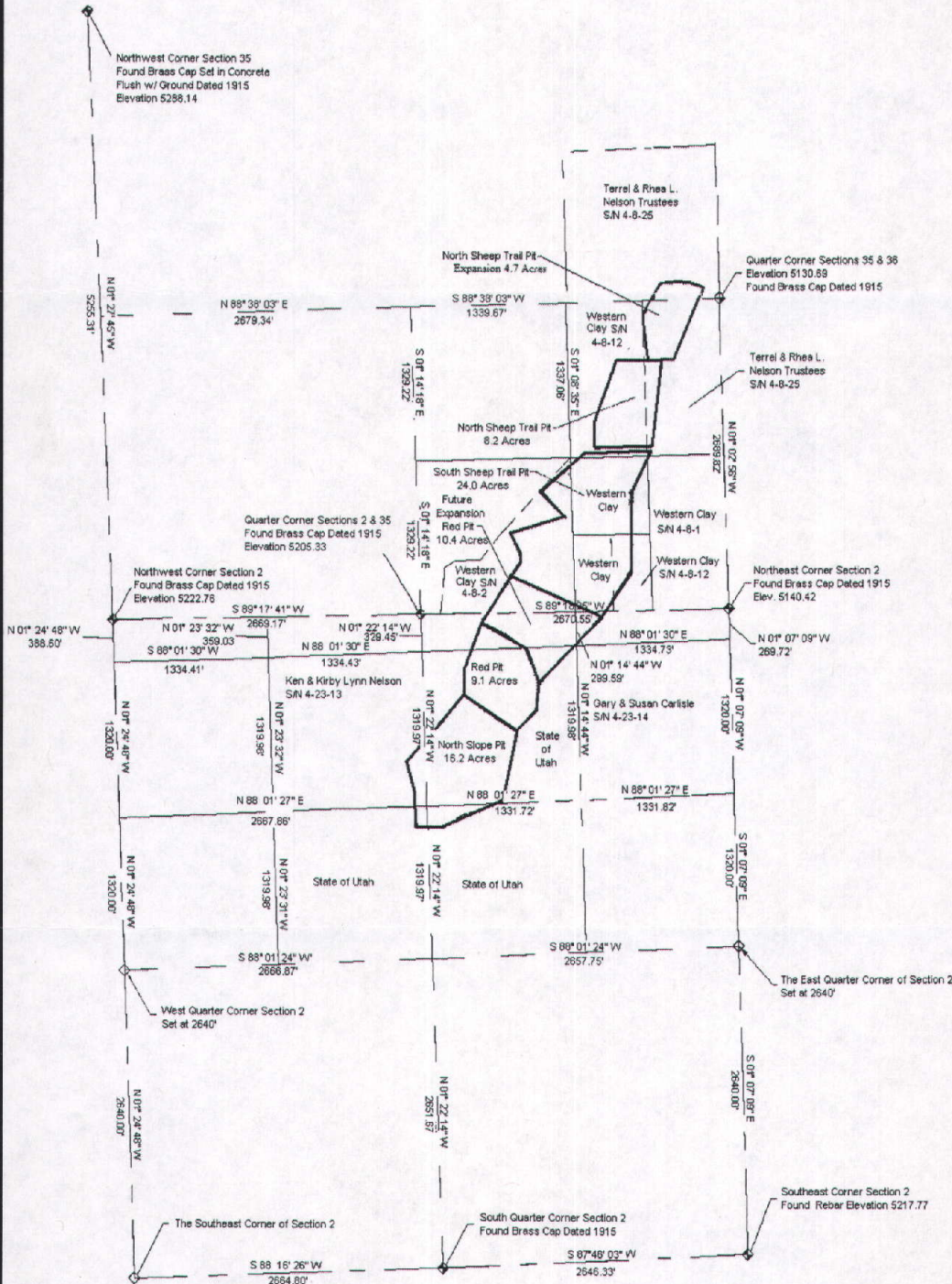
Approved: \_\_\_\_\_

Bond Adjustment: from (\$) \_\_\_\_\_  
to \$ \_\_\_\_\_



# Base Map

## Ownership Plat for Western Clay Company Section 2, T. 21 S., R. 1 W., S.L.B.&M. & Section 35, T. 20 S., R. 1 W., S.L.B. & M. Sevier County, Utah



### LEGEND

◆	Found Section Corner
◇	Calculated Section Corner
■	Set Monument (1/2" rebar w/ Plastic Cap Marked R.W. Front L.S. 154652)
□	Existing Property Corner Monument
—	Property Line
- - -	Section Line
- . - . -	Quarter Section Line
- - - - -	Sixteenth Section Line
✕	Existing Fence

### NOTES

- The purpose of this survey was to show the boundaries of the four clay pits being operated by Western Clay Company, Aurora Utah.
- Coordinates shown are state plane coordinates, Utah Central Zone, NAD 83, converted to international foot. Distances are grid distances. To convert to ground, multiply by a combined adjustment factor of 1.00023402.



# Surface Facilities

